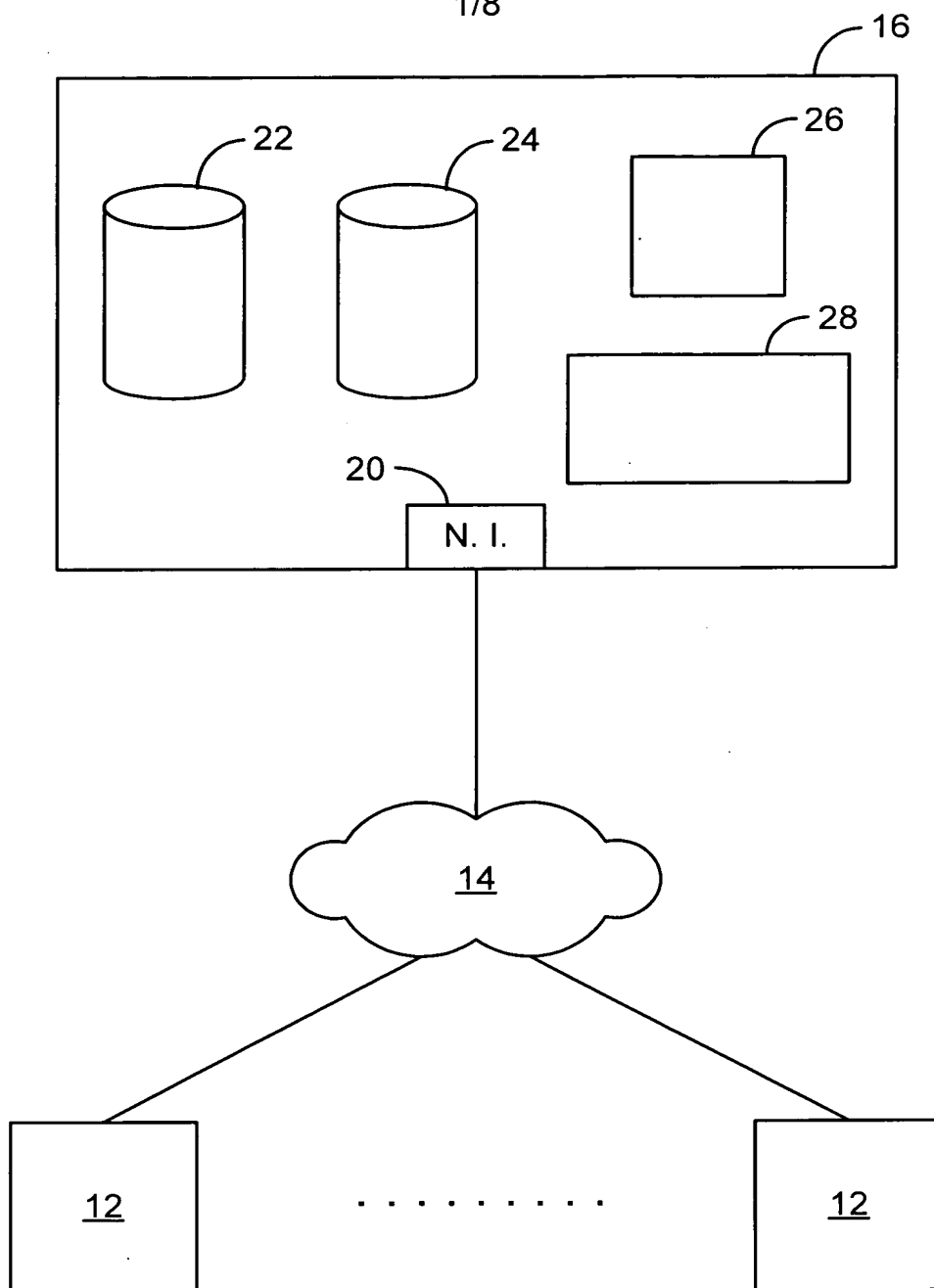
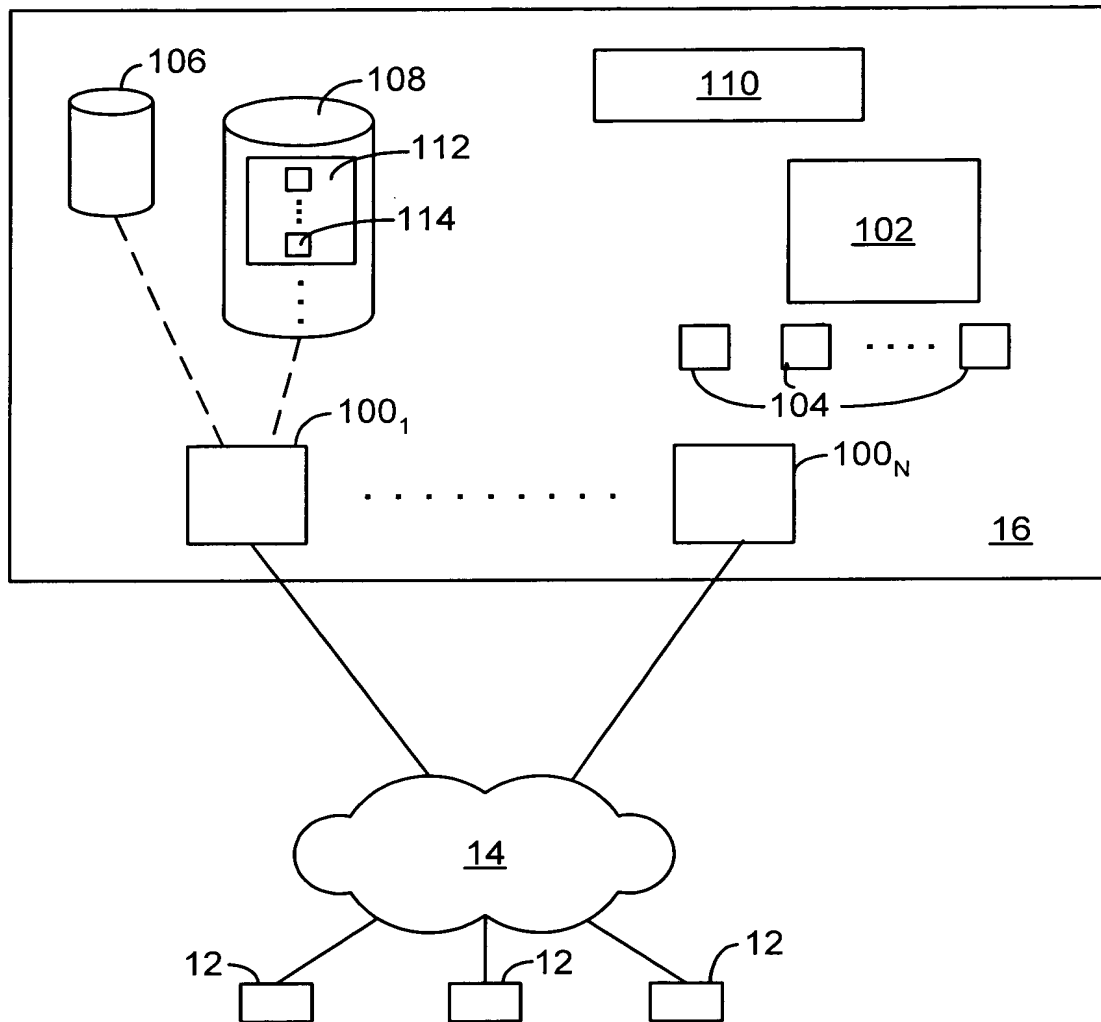




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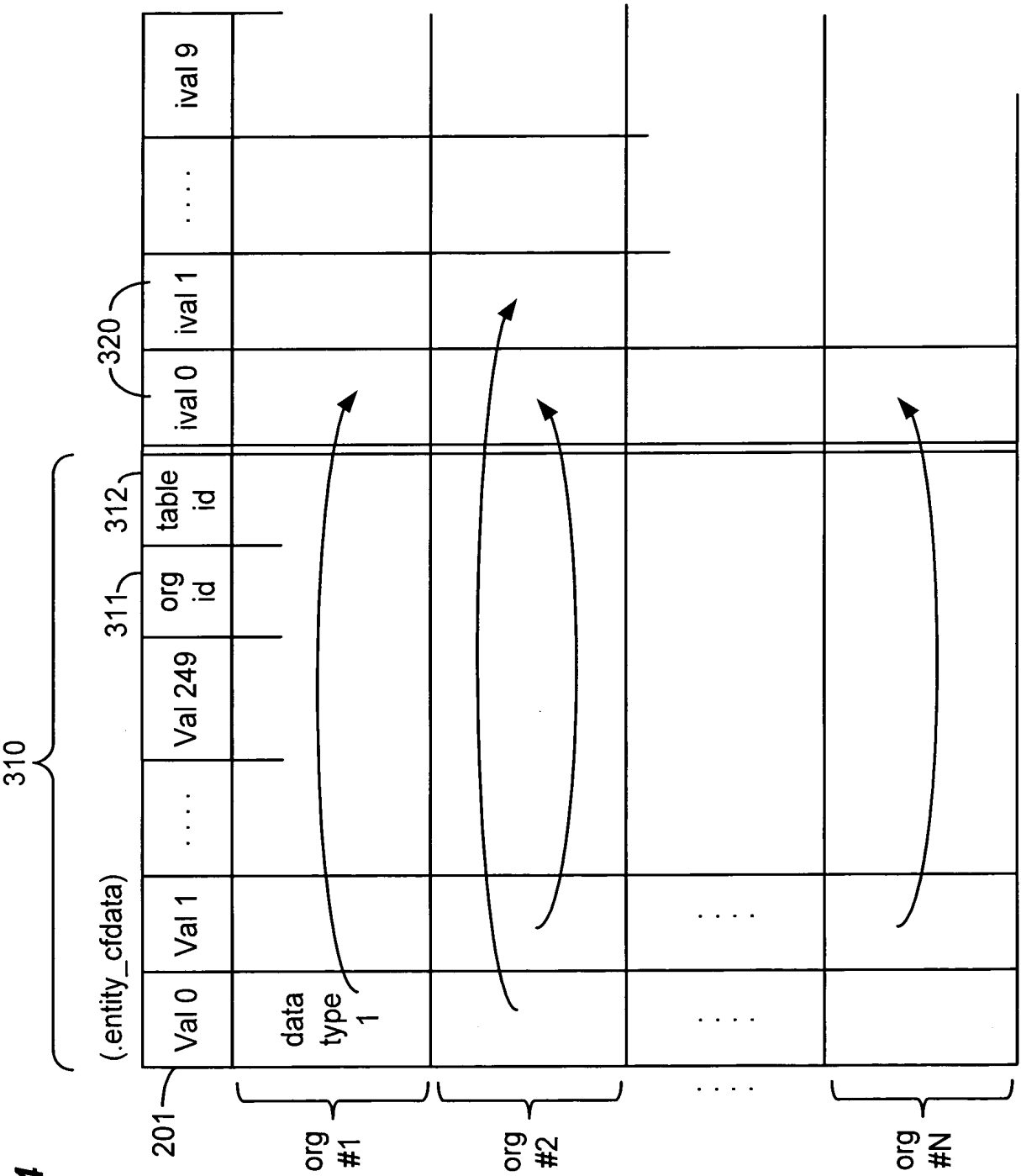


**FIG. 1**



**FIG. 2**





400-

**FIG. 5**

The diagram illustrates a data structure 400, which is a table with multiple rows and columns. The columns are labeled as follows: Custom entity id, org id, val 0, val 1, ..., Val 249, ival 0, ..., ival N. The rows are grouped into three main sections, each associated with an organization (org #1, org #2, and org #N). The first section (org #1) contains rows 1 through 14, grouped into 460. The second section (org #2) contains rows 15 through 29, grouped into 450. The third section (org #N) contains rows 30 through 43, grouped into 450. The rows are further labeled with Custom entity id (e.g., ao1.....1, ao1.....2, ..., ao1.....4, ao2.....5, ao2.....6, ..., ao2.....7, ao3.....8, ao3.....9, ..., ao3.....14, ao1.....15, ao1.....16, ..., ao1.....19, ao2.....20, ao2.....21, ..., ao2.....28, ao1.....29, ...) and org id (e.g., ood 1, ood 2, ood 3, ...). The val 0 column contains data type information (e.g., data type 1, data type 2, data type 3, ...). The ival 0 column contains values (e.g., ival 0, ival 1, ..., ival N). The table is also associated with a group 401 and a group 402.

Custom entity id	org id	val 0	val 1	...	Val 249	ival 0	...	ival N
ao1.....1	ood 1							
ao1.....2	...							
ao1.....3	...							
ao1.....4	...							
ao2.....5	ood 1	data type 1						
ao2.....6	...	data type 2						
ao2.....7	...	data type 3						
ao3.....8	ood 1							
ao3.....9	...							
ao3.....10	...							
...	...							
ao3.....14	ood 1							
ao1.....15	ood 2							
ao1.....16	...							
...	...							
ao1.....19	ood 2							
ao2.....20	...							
ao2.....21	...							
...	...							
ao2.....28	ood 2							
ao1.....29	ood 3							
...	...							

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500

Custom\_field\_definition

Custom_ field_ defn_id	Org_ id	table name or id	field name	field data name	is_ indexed	column- number
<u>510</u>	<u>520</u>	<u>530</u>	<u>540</u>	<u>550</u>	<u>560</u>	<u>570</u>

**FIG. 6A**

600

Custom\_Entity\_Definition

Custom_entity_ defn_id	Org_id	entity_ name	Key prefix
<u>610</u>	<u>620</u>	<u>630</u>	<u>640</u>

**FIG. 6B**

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701 .account		702		703		711 .account_cfdata		713		
Org id	acc id	name	other standard fields	org id	acc id	Val 0	Val 1	Val 0	Val 1	Val 0
"ABC Corp"	ood 1	1	:	:	712	(web address)	(stock price)	(stock ticker)		
	ood 1	2	:	:						
	ood 1	8	IBM	ood 1	oo1...8	IBM.com	91.80	IBM		
	ood 1	9	DELL	ood 1	oo1...9	DELL.com	33.47	DELL		
	ood 1	10	APPLE	ood 1	oo1..10	Apple.com	26.03	AAPL		
"123 Corp"	ood 1	:	:	:	:	:	:	:	:	:
	ood 2	48	:	:	:	(next annual mtg)	:	:	:	:
	ood 2	86	:	:	:					
	ood 2	87	Disney	ood 2	oo1..87	20050220				
	ood 2	88	Pixar	ood 2	oo1..88	20040918				
"XYZ Corp"	ood 2	:	:	:	:	:	:	:	:	:
	ood N	919	:	:	:	(Fiscal year)	:	:	:	:
	ood N	931	:	:	:					
	ood N	932	Disney	ood N	oo1...932	Q3				
	ood N	:	:	:	:	:	:	:	:	:

FIG. 7

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Custom entity id	org id	Val 0	Val 1	Val 2	Val 3	Val 4
ao1.....1 ao1.....2 ⋮ ao1....38 ood 1	ood 1 ood 1 ⋮ ood 1					
ao2....39 ⋮	ood 1 ⋮	(FK:acc id) ⋮	(asset name) ⋮	(asset value) ⋮	(asset depreciation) ⋮	(asset replacement date) ⋮
ao2....53	ood 1	001.....9				20050601
ao2....54	ood 1	001.....8				20060921
⋮	⋮	⋮	⋮	⋮	⋮	⋮
ao2....61	ood 1	001.....10				20070331
⋮ ao2....90	⋮ ood 1	⋮ ood 1	⋮ ood 1	⋮ ood 1	⋮ ood 1	⋮ ood 1
ao1....91 ⋮	ood N ⋮					

"ABC Corp"

.asset (810)

"XYZ Corp"

FIG. 8